

Rashad hazem ali

Data science & Analysis specialist

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Objective

Data Science and Analytics with expertise in Python, machine learning, and statistical analysis seeking to leverage strong analytical skills and hands-on experience with predictive modeling, data visualization (Tableau, Power BI), and big data processing to extract actionable insights and drive data-informed decision-making .

Experience

Data Analysis Projects 2023-Present

Self-Initiated

- Conducted exploratory data analysis on a large public dataset using Python(Pandas, NumPy) to uncover key trends and insights.
- Developed an interactive dashboard using Power BI to visualize sales performance data and forecast future trends.
- Cleaned and transformed messy data in Excel, improving data accuracy and reliability for analysis.

Data Science & Analytics Projects 2024 - Present

Self-Initiated

-Machine Learning Predictive Modeling

- Built and optimized regression models using Python (Scikit-learn, XGBoost) to predict customer churn with 89% accuracy
- Performed feature engineering and hyperparameter tuning, improving model performance by 15%
- Deployed model as a Streamlit app with interactive visualizations.

Relevant Coursework & Training:

Depi Initiative 2024

- Completed coursework in Data Analytics, Statistics, and Machine Learning as part of my degree.
- Gained hands-on experience with tools such as SQL, Excel, Python, and Tableau through assignments and capstone projects.
- Built predictive models and performed data visualization for various case studies, showcasing practical application of data analysis skills

Education

Bachelor of Computer Science ,Assiut University,2021-2025

- Major: Information System

- General Grade : Very Good 3.3 | 4.0

Technical Skills

Data Science & Analytics

- **Languages:** Python (Pandas, NumPy, Scikit-learn), R, SQL
- **Machine Learning:** Regression, Classification
- **Visualization:** Matplotlib, Seaborn, Plotly, Tableau, Power BI,Excel
- **Big Data:** PySpark, Hadoop (HDFS), Databricks
- Web scraping using python

Web Development

- **Frontend:** HTML5, CSS3, JavaScript, React, c# Blazor
- **Backend:** Node.js, .NET MVC, .NET Core Web API
- **Full Stack:** MERN Stack (MongoDB, Express.js, React, Node.js)
- **Web Services:** RESTful APIs, SignalR
- **Desktop Apps using c#:** WPF, Windows Forms

